Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012107.D
Acq On : 12 Oct 2017 19:38
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Quant Time: Oct 13 02:54:22 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 19:20:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	214881	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	936029	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	578182	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1358054	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1493490	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1443974	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	35086	7.76	ng/uL	0.00
5) Phenol-d5	7.00	99	339045	19.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	209115	20.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	294506	19.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	305992	20.38	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	140251	19.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	168666	20.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	319747	20.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	297071	19.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1017667	19.91	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1221630	19.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	145800	18.98	ng/ul	0.00
57) Fluorene-d10	15.47	176	827835	19.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	174939	18.77	ng/ul	0.00
70) Anthracene-d10	17.33	188	1333572	19.86	ng/ul	0.00
76) Pyrene-d10	19.62	212	1499407	19.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1376142	19.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	37053	8.03	ng/uL#	71
4) Benzaldehyde	6.97	77	233582	20.05	ng/ul	94
6) Phenol	7.02	94	351410	19.50	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.26	93	269925	19.65	ng/ul	98
10) 2-Chlorophenol	7.39	128	300370	19.90	ng/ul	99
11) 2-Methylphenol	8.27	108	270897	19.98	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	352011	20.18	ng/ul#	86
14) Acetophenone	8.66	105	460872	20.20	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.64	70	247049	20.21	ng/ul#	72
16) 4-Methylphenol	8.60	108	300502	20.12	ng/ul	94
17) Hexachloroethane	8.90	117	126501	19.86	ng/ul	82
20) Nitrobenzene	9.04	77	355997	20.06	ng/ul	94
21) Isophorone	9.56	82	668419	20.16	ng/ul#	93
23) 2-Nitrophenol	9.75	139	177925	19.88	ng/ul#	80
24) 2,4-Dimethylphenol	9.80	107	361823	20.06	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.05	93	389834	20.05	ng/ul	95
27) 2,4-Dichlorophenol	10.29	162	311680	19.86	ng/ul	92
28) Naphthalene	10.69	128	960792	19.84	ng/ul	100
30) 4-Chloroaniline	10.80	127	293004	19.98	ng/ul	93
31) Hexachlorobutadiene	10.96	225	225919	19.42	ng/ul	94
32) Caprolactam	11.59	113	103609	20.91	ng/ul#	47
33) 4-Chloro-3-methylphenol	11.93	107	329919	20.06	ng/ul	92
34) 2-Methylnaphthalene	12.30	142	723129	19.79	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	407705	19.42 ng/ul	98
37) Hexachlorocyclopentadiene	12.64	237	144377	15.43 ng/ul	99
38) 2,4,6-Trichlorophenol	12.92	196	271056	19.48 ng/ul	95
39) 2,4,5-Trichlorophenol	12.99	196	281931	19.69 ng/ul	99
40) 1,1'-Biphenyl	13.31	154	955532	19.58 ng/ul	98
41) 2-Chloronaphthalene	13.36	162	744168	19.44 ng/ul	98
42) 2-Nitroaniline	13.57	65	214166	20.10 ng/ul	95
44) Dimethylphthalate	13.93	163	1020287	19.93 ng/ul	100
45) 2,6-Dinitrotoluene	14.06	165	205276	20.20 ng/ul	94
47) Acenaphthylene	14.20	152	1196986	19.71 ng/ul	99
48) 3-Nitroaniline	14.40	138	153572	19.42 ng/ul	87
49) Acenaphthene	14.54	153	806285	19.71 ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	103615	17.96 ng/ul	96
52) 4-Nitrophenol	14.70	109	135106	19.57 ng/ul	80
53) Dibenzofuran	14.88	168	1168827	19.84 ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	300570	20.41 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.11	232	260829	19.90 ng/ul#	88
56) Diethylphthalate	15.30	149	1055676	19.08 ng/ul	95
58) Fluorene	15.53	166	959442	19.61 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	507080	19.73 ng/ul	96
60) 4-Nitroaniline	15.56	138	194851	19.96 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.62	198	187665	19.07 ng/ul	91
64) N-Nitrosodiphenylamine	15.74	169	836525	19.68 ng/ul	100
65) 4-Bromophenyl-phenylether	16.42	248	318397	19.59 ng/ul	96
66) Hexachlorobenzene	16.53	284	361144	19.61 ng/ul#	89
67) Atrazine	16.69	200	349820	19.68 ng/ul	95
68) Pentachlorophenol	16.88	266	191277	18.62 ng/ul	98
69) Phenanthrene	17.27	178	1513506	19.59 ng/ul	99
71) Anthracene	17.36	178	1587395	19.85 ng/ul	98
72) Carbazole	17.63	167	1321475	19.52 ng/ul	99
73) Di-n-butylphthalate	18.18	149	1809361	19.25 ng/ul#	98
74) Fluoranthene	19.29	202	1860583	19.96 ng/ul#	91
77) Pyrene	19.65	202	1931694	19.58 ng/ul#	90
78) Butylbenzylphthalate	20.53	149	847366	19.30 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.32	252	550715	18.53 ng/ul#	97
80) Benzo(a)anthracene	21.39	228	1868352	19.23 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	1235984	18.76 ng/ul#	96
82) Chrysene	21.44	228	1741272	19.08 ng/ul	99
84) Di-n-octyl phthalate	22.19	149	2096268	19.86 ng/ul	97
85) Benzo(b)fluoranthene	23.02	252	1794619	19.04 ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	1863841	20.52 ng/ul#	98
88) Benzo(a)pyrene	23.62	252	1757100	19.78 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	1828362	19.39 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.10	278	1506267	19.00 ng/ul#	94
91) Benzo(g,h,i)perylene	26.81	276	1499422	19.41 ng/ul#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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